

CLAIMS

1. A negative electrode for a lithium secondary battery,
comprising:

a layer of a mixture containing graphite powder and an organic
5 binder on a current collector,

wherein a diffraction intensity ratio (002)/(110) measured
by X-ray diffractometry of the layer of a mixture is 500 or less.

2. The negative electrode for a lithium secondary battery
10 of claim 1, wherein density of the layer of the mixture containing
graphite powder and the organic binder is in the range of 1.5 to
1.95 g/cm³.

3. The negative electrode for a lithium secondary battery
15 of claim 1 or 2, wherein an average particle diameter of graphite
powder is in the range of 1 to 100 µm and a crystallite size Lc
(002) in a C-axis direction of a crystal is 500 Å or more.

4. A lithium secondary battery, comprising:
20 the negative electrode for a lithium secondary battery
according to any one of claims 1 through 3; and
a positive electrode that includes a lithium compound.

5. The lithium secondary battery of claim 4, wherein the
25 lithium compound includes at least Ni.